

1. The name of 101th element is

- ()
 A) boroninium B) lanthanivium
 C) mendelivium D) scandinavium

2. Which of the following element belongs to 3 period and also a 17 (VIIA) group ?

- ()
 A) Fluorine B) Bromine
 C) Oxygen D) Chlorine

3. Which of the following element belongs to the 4 period and IV B group ?

- ()
 A) Titanium B) Beryllium
 C) Tungsten D) Niobium

4. Electron affinity values of halogens are measured in

- ()
 A) KJ/mol⁻² B) K/J mol
 C) KJmol⁻¹ D) K/J mol⁻¹

5. Which of the following elements are generally semi-conductors ?

- ()
 A) Si B) Ge
 C) B D) all

6. Which group elements are called halogen family ?

- ()
 A) 17(VIIA) B) 18(VIIIA)
 C) 15(VA) D) 16(VIA)

7. In modern periodic table each period ends with

- ()
 A) Non-metals B) Noble gases
 C) Metals D) Metalloids

8. Who noted that there were groups of elements with three elements known as triads in each group ?

- ()
 A) Dobereiner
 B) Moseley
 C) Mendeleeff
 D) Joseph Louis froust

9. Which of the following element family belongs to 16 (VIA) Group ?

- ()
 A) Carbon family B) Oxygen family
 C) Boron family D) Nitrogen family

10. Which block elements are called inner transition elements ?

- ()
 A) p-block B) d-block
 C) f-block D) s-block

11. Which group elements are called Boron family ?

- ()
 A) 13(III A) B) 14(IV A)
 C) 2(II A) D) 1(I A)

12. Which of the following group elements are called alkali metal family ?

- ()
 A) (I A) B) (VI A)
 C) (VII A) D) (VIII A)

13. Which block elements are called transition elements ?

- ()
 A) p - block B) d - block
 C) f - block D) s - block

14. According to which of the following characteristic of an element the modern periodic table is proposed ?

- ()
 A) Atomic number B) Valency
 C) Symbol D) Atomic weight

15. Which of the following property is measured in 'pm' (pico meter) units ?

- ()
 A) Electron affinity B) Ionisation energy
 C) Atomic radius D) Electronegativity

16. Which of the following group elements are nitrogen family ?

- ()
 A) 14 (IV A) B) 15 (V A)
 C) 16 (VI A) D) 1 (I A)